

*Planorbis campanulatus* 15 examined; 3 with cercariae, 12 without.

*Galba catascopium* 10 examined; 6 with sporocysts and cercariae, 4 without.

*Galba emarginata* 5 examined; 3 with cercariae, 2 without.

*Campeloma integrum* 3 examined; 2 with cercariae, 1 without.

*Physa warreniana* 9 examined; 3 with cercariae, 6 without. Small leech in mantle cavity of 3 specimens.

*Goniobasis livescens* 2 examined; 1 with cercariae, 1 without.

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#### TYPES OF GENERIC NAMES PROPOSED FOR ACHATINAE.

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When working on Congo Valley mollusks I noticed that while the generic names applied to the Achatinae were discussed in Manual of Conchology, vol. xvi, genotypes were not selected for some names there considered absolute synonyms. This lack is supplied in the following list. Where a type had already been selected the authority and date of selection are added in parenthèses.

*Achatina* Lam., 1799, type *Bulla achatina* L. (Lam., 1799).

*Ampulla* Bolten, 1798, type *A. priamus* Bolt. (Pilsbry, 1908).

*Chersina* [Humphrey], 1797, type *Bulla achatina*.<sup>1</sup>

*Achatium* Link, 1807, type *A. elegans* Link = *A. achatina* (L.).

*Achatinus* Montfort, 1810, type *A. zebra* (Montfort, 1810).<sup>2</sup>

<sup>1</sup> The Museum Calonnianum has been rejected as a source of nomenclature by the International Commission.

<sup>2</sup> De Montfort appears to have confused *A. zebra* and *A. panthera* under the former name, but as he stated that *Achatinus zebra* is the type, the name belongs rather to *Cochlitoma* than to *Achatina*. Since he says that Lamarck founded the genus, it is evident that he intended *Achatinus* merely as an emendation of *Achatina* Lam., and not as a new name. It cannot therefore displace *Cochlitoma*, but will be regarded merely as a variation in orthography.

*Cochlitoma* Fér., 1817, type *Bulimus zebra* Brug. (Pilsbry, 1904).

*Archachatina* Albers, 1850, type *A. bicarinata* Brug. (Pilsbry, 1904).<sup>3</sup>

*Geodes* Gistel, 1848, type *Bulla achatina*.<sup>4</sup>

*Oncaea* Gistel, 1848, type *Oncaea perdix*,<sup>5</sup> = *A. perdix* Lam., = *A. achatina* (L.).

*Parachatina* Bourguignat, 1889, type *A. dohrniana* Pfr. (Pilsbry, 1904).

*Serpæa* Bourguignat, 1889, type *A. hortensiae* Morel. (Pilsbry, 1904).

*Pintoa* Bourguignat, 1889, *A. pfeiffer* Dkr. (Pilsbry, 1904).

*Urceus* (Klein) Jousseau, 1884, type *Achatina achatina* (L.).<sup>6</sup>

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L. E. Daniels was born at Mazon, Grundy Co., Illinois, March 4th, 1852. The son of a farmer, his early life was spent on the farm, and so far as known his education was in the local schools.

While a farmer in Illinois, though a Democrat in politics, he was called from the plow in that strong Republican community to take the office of sheriff. Though modest to a fault and with none of the politician or office-holder in thought or manner, the administration was nevertheless a success. The term of office was enlivened by puzzling criminal cases, including murder, and there were also serious strikes in the coal fields;

<sup>3</sup> *A. bicarinata*, the type of *Archachatina*, is a decidedly aberrant species. For the dextral continental species, which have the surface smoothish and even, I propose the subgenus *Calachatina*, *A. marginata* (Swains.), Man. Conch., XVI, 109, being the type.

<sup>4</sup> Gistel, *Naturgeschichte des Thierreichs für höhere Schulen*, 1848, p. viii. *Geodes* is a substitute for *Achatina* Lam., no species mentioned.

<sup>5</sup> Gistel, *tom. cit.* p. 168. *Oncaea* is a substitute for *Achatina* Auct.; several species are briefly described.

<sup>6</sup> Jousseau merely mentioned "le genre *Urceus* Klein (*Achatina* Lam.)" without any species. It therefore takes the same type as Lamarck's genus.